

# COASTAL AND OCEAN STUDIES MINOR

**Campus:** NYC, Westchester

## Our Watery Context

Pace University's Lower Manhattan campus is surrounded by water and Westchester campuses are located in the valley of a great tidal estuary. We teach in a city that is an archipelago, impacted by ocean pollution and rising seas, but also with a rich history of connections to the world through its waters, including international trade and immigration. Many of the oceanfront communities in New York City are among its most marginal, including areas like Rockaway and Staten Island that have been neglected by public policy. Coastal and ocean issues in New York City and Westchester intersect with many discussions of environmental justice and marginalization. Pace has a long history of engagement with the Hudson River, through partnerships with environmental institutions like The Riverkeeper.

While so much of conceptions of the humanities, social sciences and sciences are focused on events and processes on land, it is a limited area of the world's surface. The realities of climate change have drawn attention to our need to preserve our global commons, including our atmosphere and oceans, which are governed collectively as the "common heritage of humankind" rather than any one government. Thinking about the arts and sciences, particularly in New York City specifically, from the point of view of the sea creates a very different way of thinking about how the world works.

## Approach and Objectives of a New Minor in Coastal and Ocean Studies

The Political Science and Environmental Studies and Science departments offer a minor in Coastal and Ocean Studies that is interdisciplinary, place-based, and focused on addressing the challenges posed by climate change. In particular, the minor:

- Builds students' climate resiliency by cultivating place-based knowledge, skills and attitudes useful for addressing the climate change-related challenges faced by coastal and maritime communities;
- Prepares students to contribute to environmental justice policymaking, advocacy and activism in coastal and maritime communities;
- Nurtures students' appreciation for multiple and inter-disciplinary ways of knowing about coasts and oceans from across the liberal arts curriculum, including the arts, humanities, social sciences and sciences;
- Prepares students for possible careers in environmental conservation; ocean policy; coastal and ocean tourism; maritime shipping, trade and transportation; marine resources; and the "Blue Economy";
- Enables further partnerships between Pace and coastal and ocean-related institutions in the region.

## Minor Requirements

Code	Title	Credits
<b>Required Core Courses</b>		
Students must complete three core courses:		
SCI 170	Oceanography (may be substituted, with approval, by another marine-related natural science course (including transferred from another institution))	3
POL 272	Ocean Politics (Formerly POL 297P)	3
ENV 260	Climate Change	3
<b>Elective Courses</b>		6
ANT 226	Environmental Anthropology	
BIO 210	Ecology (Prerequisites BIO 101 and BIO 102)	
ENS 201	Fundamentals of Environmental Science I	
ENV 100	Water, Wildlife and Windmills - An Introduction to Environmental Studies and Sciences	
ENV 245	Environmental Justice	
ENV 288	Flora and Fauna of the Hudson Valley	
ENV 344	Habitats of the Hudson Valley: Identification and Assessment	
HIS 367	History and Geography of New York	
LIT 296C	Topics: Climate Change, Literature, and Slow Violence	
MGT 208	Travel and Tourism Management	
MGT 313	Cruise Industry Management	
PAA 101	Public Administration and Its Environment	
POL 271	Environmental Politics (formerly POL 297B)	
SCI 160	Meteorology	
SCI 171	Coastal Oceanography	

An approved internship, independent study or elective related to Coastal and Ocean Studies. Can be either ENV 390, ENV 497, or POL 393.

**Total Credits**

**15**

\* Note: No more than three courses used to complete the minor may be used to fulfil the student's major requirements.